SONY

VGN-BZ540N/B

VAIO® BZ Series Notebook PC

Business PC featuring security, durability and IT-accessible design

POWERFUL PC PERFORMANCE

Discover a new world of mobile computing with Intel® Centrino® 2 processor technology – the latest innovation from Intel®. Faster and more efficient than ever, the next-generation Intel® Core™ 2 Duo T6570 processor (2.10GHz[1]) turns up the speed on multi-tasking while curbing energy consumption.

The VAIO® BZ notebook comes pre-installed with Genuine Microsoft® Windows Vista® Business with Service Pack 1.

Offering a massive boost in wireless connection speed and range, work and play quicker almost anywhere within your office or home using next-generation 802.11n integrated wireless LAN technology[3].

COMPATIBILITY AND ACCESSIBILITY

Sony knows that efficient and accessible PC design is critical to keeping your employees up and running. With the VAIO® BZ notebook, frequent IT activities such as RAM upgrades, swapping out the optical drive, accessing the hard drive and detaching the keyboard are quick and easy to do.

The VAIO® BZ notebook has a reduced amount of pre-loaded software for improved compatibility and IT peace of mind. With less pre-loaded software, IT personnel can more quickly set up and image the notebook.

Keeping the technical needs of your business in mind, the VAIO® BZ notebook offers BIOS level control for IT administrators over inputs and outputs such as Ethernet, USB ports and Memory card/SD card slots to name a few.

BUSINESS-GRADE DURABILITY

Not only designed for a comfortable touch and feel, the full-sized keyboard on the VAIO® BZ notebook features a spill-resistant panel to protect the computer's internal components against accidental spills.

Hit the road with confidence. The VAIO® BZ notebook is constructed with a stylish yet durable and lightweight plastic chassis to protect against the everyday knocks and bumps encountered frequently in travel.

G-Sensor™ Shock Protection technology makes your data even less vulnerable to loss or damage. When the built-in 3D acceleration sensor detects a risky movement, the HDD-head will lock up to secure its position and help protect the disc from scratching.

SERIOUS SECURITY

A built-in biometric fingerprint scanner makes authentication and secure access quick and easy; you only need your fingerprint.

Built for business, the lightweight VAIO® BZ notebook boasts the productivity and compatibility features required by IT professionals and business customers. Plastic casing and a spill-resistant keyboard panel help protect against the accidents common to travel while next-gen Intel® Centrino® 2 processor technology provides the power necessary for heavy day-in day –out computing.

intel Centrino 2 inside Performance to go

Windows Vista Business

XBRITE-ECO™

G-SENSOR

dlna CERTIFIED

WiFi CERTIFIED

VAIO

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VAIO® BZ Series Notebook PC

Specifications

General

Computer Type: Notebook
Type of Use: Portable
Action Buttons: WLAN on/off, mute button, S1
Pointing Device: Electro-Static touch pad
Security: Biometric Fingerprint Sensor

Hardware

Keyboard: QWERTY, 82 keys with 2.0mm stroke and 19.05mm pitch

Processor

Type: Intel® Core™ 2 Duo Processor T6570
Speed: 2.10GHz[1]
Front Side Bus Speed: 800MHz
L2 Cache: 2MB
Technology: Intel® Centrino® 2 Processor Technology

Memory

Type: DDR2 SDRAM
Installed: 2GB PC2-6400 (2GBx1)
Maximum: 4GB[15]
Speed: 800MHz

Hard Drive

Capacity: 250GB[2]
Speed:
5400rpm
Interface: Serial ATA
Impact Protection: G-Sensor™ Shock Protection - Hard Disk Drive Protection[17]

Optical Drive

CD Read: 24x max
CD-R Write: 24x max
CD-RW Write: 24x max
DVD Read: 8x max
DVD+R DL Write: 6x max
DVD+R Write: 8x max
DVD+RW Write: 8x max
DVD-R DL Write: 6x max
DVD-R Write: 8x max
DVD-RAM Read: 5x max
DVD-RW Write: 6x max
DVD±RW: Yes[5] (DVD±R DL/DVD±RW/RAM)

Expansion Slots

Multimedia Card Reader: One Memory Stick Duo™ media slot with MagicGate® functionality
PC card slot (PCMCIA 2.0)
One Secure Digital (SD™ memory card) media slot

Audio

Sound System: Intel® High Definition Audio, Internal Stereo Speaker

Display

Screen Size: 15.4"[6]
Resolution:
1200 x 800
XBRITE-ECO™ Technology: Yes
Technology: WXGA
Back Light Technology:
No

Graphics

Processor: Mobile Intel® Graphics Media Accelerator 4500MHD with Intel® Clear Video Technology
Total Available Graphics Memory: 820MB (max.)[10]
Chipset: Mobile Intel® GM45 Express Chipset

Inputs and Outputs

Headphone Jack: 1
Modem Jack: 1
Microphone Input: 1
Port Replicator Connector(s): 1
USB Port(s): 3 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
i.LINK® Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[9]
Ethernet Connection (s): 1

Networking/Modem

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T
Ethernet Speed: Fast Ethernet (RJ-45)
Modem Type: Integrated V.92/V.90 Modem (RJ-11)
Wireless LAN: Atheros 802.11 b/g/n network connection[3]

Power

Battery Type: Standard Capacity Lithium-ion Battery (VGP-BPS13A)
Estimated Battery Life: 2.0 to 5.0 hours[11] Standard Capacity Battery
3.0 to 7.5 hours[11] Large Capacity Battery
Power Requirements: 100W +10%

Software

Operating System: Genuine Microsoft® Windows Vista® Business with SP1/XP Pro downgrade
Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Small Business 2007[14]
Anti-Virus & Recovery Software: Norton Internet Security™ 2009 30-Day Trial Offer[7]

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[13]
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO
Limited Warranty Term: 1 year limited warranty[12]. See actual warranty for details.

Environmental Information

EPEAT™ : Meets Silver EPEAT™ Rating
RoHS®: Compliant
For more information:
www.sony.com/vaioeco

Regulation and Standard Compliance

Energy Star® Compliant: 4.0

Dimensions

Weight: 5.8 lbs[7] (with standard battery)
Measurements: 14.27"(W) x 1.18"(H) x 10.51"(D)[7,8]

Supplied Accessories

Standard Lithium-ion battery (VGP-BPS13A)
AC Adapter
Power Cable

Optional Accessories

Port Replicator (VGP-PRBZ1)
Additional Standard Capacity Battery (VGP-BPS13A/B)
Large Capacity Battery (VGP-BPL13)
Universal Carrying Case (VGP-AMB1A)
USB Optical Mouse (VGP-UMS20/B)
Neoprene Case (VGP-AMC3)

Color: Black
UPC Code: 027242775756

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services, which may require a fee.
4. Broadband Internet service required along with third party services which may require a subscription or other service fee.
5. DVD Media/Formats are not universally compatible.
6. Viewable area measured diagonally.
7. Non-metric weights and measures are approximate and may vary.
8. Measured at the narrowest point
9. i.Link is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
10. Total Available Graphics Memory refers to the new Windows Vista® classification of graphics memory, which is the total of Dedicated Video Memory, System Video Memory and Shared System Memory. Shared System Memory varies depending on the operating condition, driver software version and system memory size.
11. Actual battery life may vary based on product settings, usage patterns and environmental conditions. Battery life will be shorter with models equipped with Instant Mode features.
12. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.sony.com/pcsupport, call toll-free 888-476-6972 (888-4SONYPC) or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
13. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the aplicable software vendor.
14. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you dont activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instgructions presented during setup and paying the required fees.
15. A portion of the system memory over 3GB may not be available to the operating system.
16. Interoperability and compatibility among Bluetooth® devices varies.
17. G-Sensor™ Shock Protection will not work on pre-installed or downgraded Windows® XP Professional models. Windows Vista® is required for feature functionality.

Computer Interface: For this product,there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice. This product meets the standards of the International Energy Star Program for energy efficiency.
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